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(74) Agent: REINHOLD COHN AND PARTNERS; P.O.Box
4060, 61040 Tel-Aviv (IL).

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(71) Applicant (*for all designated States except US*):
LIGHTTECH ELECTRONIC INDUSTRIES LTD.
[IL/IL]; 9 Hamelacha Street, Northern Industrial Zone,
71520 Lod (IL).

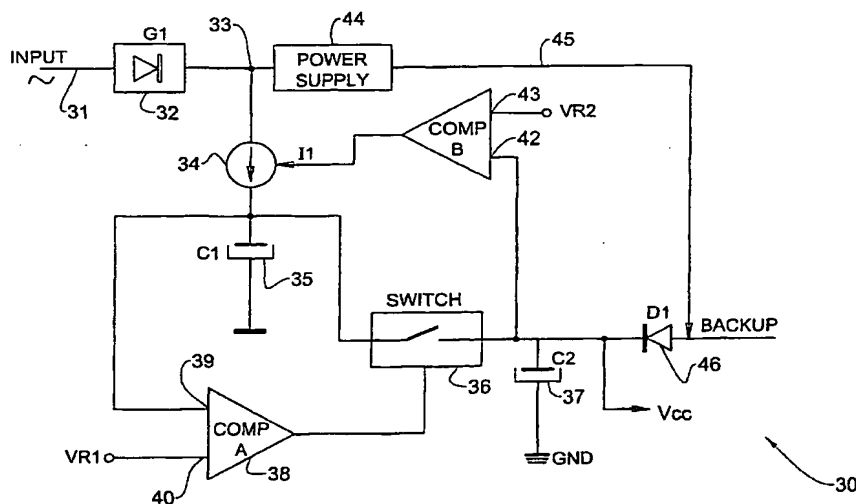
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(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **PATCHORNIK,**
Joshua [IL/IL]; 9 Etzion Street, 52383 Ramat Gan (IL).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ENERGY SAVING STARTUP CIRCUIT FOR POWER SUPPLY



(57) Abstract: A startup circuit (30) for a power supply (44), has an input (31) for connecting a source of high voltage thereto, and an output rail (33) for feeding rectified voltage to the power supply. A first energy storage device (35) is coupled to the output rail for storing energy when voltage is first applied to the input, and a second energy storage device (37) is coupled to an output of the power supply for storing energy when a voltage appearing at the output of the power supply reaches substantially steady state. A switching circuit (36, 50) is coupled to the first energy storage device and to the second energy storage device and is responsive to the first energy storage device having sufficient energy for transferring the energy to the second energy storage device and disconnecting the first energy storage device from the output rail.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 42 27 183 A (GOSSEN GMBH) 24 February 1994 (1994-02-24) column 2, line 14 - line 40; figure	1-16
Y	US 6 246 596 B1 (YAMAZAKI HIROSHI) 12 June 2001 (2001-06-12) column 7, line 67 - column 8, line 10; figure 1	1-16
A	US 5 880 942 A (LEU FANG-JYE) 9 March 1999 (1999-03-09) the whole document	1-16

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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